## **EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L16	1	(layer\$3 near2 (clay silicate) organoclay organo adj clay \$6phyllosilicate \$6phyllo adj silicate (intercalat\$4 exfoliat\$4) with (\$6clay \$6silicate) intercalant nanocomposite nano adj composite).ti,ab. and (polyamide poly adj amide) and polymeriz\$5 with (polyamide poly adj amide nylon mxd6 amine diamine) with in adj situ	US-PGPUB; USPAT	OR	ON	2007/01/05 13:13
L17	183	(layer\$3 near2 (clay silicate) organoclay organo adj clay \$6phyllosilicate \$6phyllo adj silicate (intercalat\$4 exfoliat\$4) with (\$6clay \$6silicate) intercalant nanocomposite nano adj composite).ti,ab. and (polyamide poly adj amide) and polymeriz\$5 with (polyamide poly adj amide nylon mxd6 amine diamine)	US-PGPUB; USPAT	OR	ON	2007/01/05 13:29
L18	. 1	"4894411".pn.	US-PGPUB; USPAT	OR	ON	2007/01/05 13:59
L19	94	("3419517"   "3883469"   "4739007").PN. OR ("4894411"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/05 13:30
L20	66	19 and oligomer	US-PGPUB; USPAT; USOCR	OR <sub>.</sub>	ON	2007/01/05 13:59
L21	1	"6096803".pn.	US-PGPUB; USPAT	OR	ON	2007/01/05 13:59
L22	27	19 and oligomer with \$4amide	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/05 14:00
L23	. 94	("3419517"   "3883469"   "4739007").PN. OR ("4894411"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/05 14:34
L24	19	23 and mxd6	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/05 15:02
L25	25	oligomer\$2 with ion adj exchang\$ with (\$4amide \$2amine)	US-PGPUB; USPAT; USOCR	OR.	ON	2007/01/05 16:12
L28	541	252/378r.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/05 16:13
L29	2054	524/445.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/05 16:13
S1	1	"20020165306"	US-PGPUB	OR	ON	2007/01/05 12:46
S2	2	wo-200009605-\$.did. wo-200034377-\$.did.	DERWENT	OR	ON	2007/01/05 09:45
S3	1295	(layer\$3 near2 (clay silicate) organoclay organo adj clay \$6phyllosilicate \$6phyllo adj silicate (intercalat\$4 exfoliat\$4) with (\$6clay \$6silicate) intercalant).ab.	US-PGPUB; USPAT	OR	ON	2007/01/04 11:00
S4	1775	(layer\$3 near2 (clay silicate) organoclay organo adj clay \$6phyllosilicate \$6phyllo adj silicate (intercalat\$4 exfoliat\$4) with (\$6clay \$6silicate) intercalant nanocomposite nano adj composite).ab.	US-PGPUB; USPAT	OR .	ON	2007/01/04 11:01

## **EAST Search History**

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<b>S7</b>	1	"6906127".pn.	US-PGPUB; USPAT	OR	ON	2007/01/04 11:03
S9 ·	11	(layer\$3 near2 (clay silicate) organoclay organo adj clay \$6phyllosilicate \$6phyllo adj silicate (intercalat\$4 exfoliat\$4) with (\$6clay \$6silicate) intercalant nanocomposite nano adj composite).ti,ab. and (mxd6 xylenediamine xylylene adj diamine) and protonat\$	US-PGPUB; USPAT	OR	ON	2007/01/04 11:17
S10	1	"5162445".pn.	US-PGPUB; USPAT	OR	ON	2007/01/04 11:11
S11	12	US-4398642-\$.DID. OR US-4433136-\$.DID. OR US-US4438257-\$.DID. OR US-5004561-\$.DID. OR US-5011873-\$.DID. OR US-5853886-\$.DID. OR US-5877248-\$. DID. OR US-6017632-\$.DID. OR US-6057035-\$.DID. OR US-6096803-\$.DID. "20020165306" "6228903".pn. "6232388". pn.	US-PGPUB; USPAT	OR	ON	2007/01/04 11:19
S12	2	jp-60110765-\$.did. wo-200056827-\$.did.	DERWENT	OR	ON	2007/01/04 12:11
S13	218	diamine with protonat\$	US-PGPUB; USPAT	OR	ON	2007/01/04 12:11
S14	5	diamine with protonat\$ and (layer\$3 near2 (clay silicate) organoclay organo adj clay \$6phyllosilicate \$6phyllo adj silicate (intercalat\$4 exfoliat\$4) with (\$6clay \$6silicate) intercalant nanocomposite nano adj composite).ti,ab.	US-PGPUB; USPAT	OR	ON	2007/01/04 14:47
S15	19	diamine with (intercalant intercalat\$3) and (layer\$3 near2 (clay silicate) organoclay organo adj clay \$6phyllosilicate \$6phyllo adj silicate (intercalat\$4 exfoliat\$4) with (\$6clay \$6silicate) intercalant nanocomposite nano adj composite).ti,ab.	US-PGPUB; USPAT	OR	ON	2007/01/04 13:12
S16	1	"6828367".pn.	US-PGPUB; USPAT	OR	ON	2007/01/04 13:12
S17	11	("5955535"   "6057035"   "6096803"   "6225374"   "6225394"   "6252020"   "6323270"   "6380295"   "6387996"   "6407155"   "6410142").PN. OR ("6828367").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/04 14:07
S18	3	lan adj tai.in.	US-PGPUB; USPAT	OR	ON	2007/01/04 14:07
S19	40	lan.in. and (layer\$3 near2 (clay silicate) organoclay organo adj clay \$6phyllosilicate \$6phyllo adj silicate (intercalat\$4 exfoliat\$4) with (\$6clay \$6silicate) intercalant nanocomposite nano adj composite).ti,ab. and (polyamide poly adj amide) and diamine	US-PGPUB; USPAT	OR	ON	2007/01/05 13:12
S20	1	"6906127".pn.	US-PGPUB; USPAT	OR	ON	2007/01/04 14:33
521	90	maruo adj kazunobu.in. kanda adj tomomichi.in. omachinski adj scott.in. liang adj ying.in. lan adj tie.in.	US-PGPUB; USPAT	OR	ON	2007/01/04 14:23
S26	47	(amine diamine) with (ioniz\$6 protonat\$) and (layer\$3 near2 (clay silicate) organoclay organo adj clay \$6phyllosilicate \$6phyllo adj silicate (intercalat\$4 exfoliat\$4) with (\$6clay \$6silicate) intercalant nanocomposite nano adj composite).ti,ab.	US-PGPUB; USPAT	OR	ON	2007/01/04 14:48
S27	252	(amine diamine) with (ioniz\$6 protonat\$ cation\$) and (layer\$3 near2 (clay silicate) organoclay organo adj clay \$6phyllosilicate \$6phyllo adj silicate (intercalat\$4 exfoliat\$4) with (\$6clay \$6silicate) intercalant nanocomposite nano adj composite).ti,ab.	US-PGPUB; USPAT	OR	ON	2007/01/04 14:49
S28	24	(diamine) with (ioniz\$6 protonat\$ cation\$) and (layer\$3 near2 (clay silicate) organoclay organo adj clay \$6phyllosilicate \$6phyllo adj silicate (intercalat\$4 exfoliat\$4) with (\$6clay \$6silicate) intercalant nanocomposite nano adj composite).ti,ab.	US-PGPUB; USPAT	OR	ON	2007/01/04 14:57
S29	. 0	(diamine) with (quarter\$) and (layer\$3 near2 (clay silicate) organoclay organo adj clay \$6phyllosilicate \$6phyllo adj silicate (intercalat\$4 exfoliat\$4) with (\$6clay \$6silicate) intercalant nanocomposite nano adj composite).ti,ab.	US-PGPUB; USPAT	OR	ON	2007/01/04 14:57
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